|   | I Analizable                 |                 |           |          |          |             |          |           |          |           |            |           |       |          |                 |                 |         |            |             |           |            |        |     |       |            |                      |              |           |                    |         |          |          |           |   |  |
|---|------------------------------|-----------------|-----------|----------|----------|-------------|----------|-----------|----------|-----------|------------|-----------|-------|----------|-----------------|-----------------|---------|------------|-------------|-----------|------------|--------|-----|-------|------------|----------------------|--------------|-----------|--------------------|---------|----------|----------|-----------|---|--|
|   | index of Claims              |                 |           |          |          |             |          |           |          |           |            |           |       |          | Аp              | Application No. |         |            |             |           |            |        |     |       |            | Applicant(s)         |              |           |                    |         |          |          |           |   |  |
|   |                              |                 |           |          |          |             |          |           |          |           |            |           |       |          |                 | 10/697,367      |         |            |             |           |            |        |     |       |            | SHARMA ET AL.        |              |           |                    |         |          |          |           |   |  |
|   |                              |                 |           |          |          |             |          |           |          |           |            |           |       |          | Ex              | Examiner        |         |            |             |           |            |        |     |       | Art Unit   |                      |              |           |                    |         |          |          |           |   |  |
|   |                              |                 |           |          |          |             |          |           |          |           |            |           |       |          |                 |                 | Ho      | Hoal V. Ho |             |           |            |        |     |       |            |                      |              |           | 2818               |         |          |          |           |   |  |
|   |                              |                 |           |          |          |             |          |           |          |           |            |           |       |          |                 | <u></u>         | •       |            |             |           |            |        |     |       | 1          |                      |              |           |                    |         |          |          |           |   |  |
|   | √ Rejected _ (Through numera |                 |           |          |          |             |          |           |          |           |            |           |       |          | al)             | 7               | Γ       | Τ,         | Non-Elected |           |            |        | П   |       | Appeal     |                      |              |           |                    |         |          |          |           |   |  |
|   | Y Nojected                   |                 |           |          |          |             |          |           |          |           |            | Cancelled |       |          |                 |                 |         | ╛          | 1           | 1         | 101        |        |     |       |            |                      |              | ^;        | -pu                | aı      |          |          |           |   |  |
|   | = Allowe                     |                 |           |          |          |             | di       |           |          | +         | Restricted |           |       |          | 1               |                 |         |            | ١           | nte       | rfer       | en     | 1Ce |       | 0          |                      | Ob           | act       | ed                 |         |          |          |           |   |  |
|   |                              |                 |           |          |          |             |          |           | -        |           |            |           |       |          |                 | _               |         |            |             |           |            |        |     |       |            |                      |              | Objected  |                    |         |          |          |           |   |  |
|   | Claim Date                   |                 |           |          |          |             |          | B         |          |           | Claim      |           |       |          |                 |                 |         | Dat        | e           | <b>.</b>  |            |        | ::  | а     | aim        |                      | Date         |           |                    | -       | $\neg$   |          |           |   |  |
|   | <u> </u>                     | _ <b>18</b> 2   | 8/1X      | /        | П        |             |          | П         |          | П         |            | 1         |       |          | П               | Т               | T       | T          | Γ           |           |            | П      |     | _     | To To      | П                    |              |           | Τ                  | Τ       |          |          |           |   |  |
|   | Final                        | Original        | <i>IX</i> |          |          |             |          |           | - 1      |           |            |           | Final | Original |                 | -               | İ       | 1          |             |           |            |        |     | Final | Original   |                      | 1            |           |                    | 4       |          |          |           |   |  |
|   | <u> </u>                     | 0               | D'        |          |          | 4           | $\dashv$ | _         |          | Ц         | _          |           |       |          | Ц               | 4               | 4       | 1          | L           | Ļ         | ┖          | Ш      |     |       | <u> </u>   | Ц                    | 4            | $\perp$   | $\perp$            | L       | L        |          |           |   |  |
|   | $\vdash$                     | 2               | Н         |          | $\dashv$ | +           | $\dashv$ | +         | $\dashv$ | $\vdash$  | $\dashv$   |           |       | 51<br>52 | $\vdash$        | $\dashv$        | ╬       | +-         | ╀           | ┿         | ╀          | Н      |     |       | 101        | Н                    | +            | -         | +                  | ╀       | ⊢        | $\dashv$ | Н         |   |  |
|   |                              | 2               |           |          |          |             |          | ╛         |          |           |            |           |       | 53       |                 |                 | 士       | 1          | Ĺ           | İ         | 上          |        |     |       | 103        |                      | 1            | $\pm$     | $\pm$              |         |          |          |           |   |  |
|   | _                            | 8               | Н         |          | $\Box$   | $\dashv$    | 4        | 4         | _        | $\dashv$  | $\dashv$   |           |       | 54       | $\square$       | $\perp$         | $\mp$   | T          | F           | $\bot$    | _          | П      |     |       | 104        | П                    | $\Box$       | $\Box$    | T                  | Ţ       |          |          |           |   |  |
|   | $\vdash$                     | 8               | Н         | -        | $\dashv$ | ┪           | $\dashv$ | ┪         | $\dashv$ | $\vdash$  | $\dashv$   | 4         |       | 55<br>56 | ╁               | +               | +       | ╁          | ╁           | ╫         | ╁          | H      |     |       | 105<br>106 | Н                    | ╅            | +         | ╫                  | +       | $\vdash$ | $\vdash$ | $\dashv$  |   |  |
|   |                              | X               |           |          |          | コ           |          |           |          | $\Box$    |            |           |       | 57       | 口               | 1               | 士       | 上          | L           | 上         | 上          |        |     |       | 107        |                      | 1            | 1         | 土                  | 土       |          |          |           |   |  |
|   |                              | 8               | Н         | Щ        | $\dashv$ | 4           | 4        | 4         | -        | $\dashv$  | 4          |           |       | 58<br>59 | $\sqcup$        | 4               | 4       | +          | L           | $\perp$   | ┞          | Ш      |     |       | 108        | $\square$            | 1            | 1         | $\perp$            | $\perp$ |          |          | $\Box$    |   |  |
|   | ┝                            | 10              | Н         | $\vdash$ | $\dashv$ | $\dashv$    | $\dashv$ | ┪         | ┪        | $\vdash$  | -          |           |       | 60       | Н               | +               |         | ╁          | ╁           | ╁         | ╁          | H      |     |       | 109        | H                    | $\dashv$     | +         | ╁                  | ╫       | $\vdash$ | $\vdash$ | $\dashv$  |   |  |
|   |                              | X               | П         |          |          | 1           | ┙        | 1         |          |           |            |           |       | 61       |                 | 1               |         |            | L           |           |            |        |     |       | 111        |                      | 1            |           | 土                  | 上       |          |          |           |   |  |
|   |                              | 13              | V         | -        | $\dashv$ | $\dashv$    | $\dashv$ | +         | $\dashv$ | $\vdash$  | $\dashv$   |           |       | 62<br>63 | ├┼              | +               | +       | +          | ┞           | ╀         | ╀          | Н      |     |       | 112        | $\vdash \vdash$      | +            | +         | +                  | ╀       |          | $\vdash$ | $\dashv$  |   |  |
|   |                              | 14              | ठ         |          |          |             | ┪        | 1         |          |           |            |           |       | 64       |                 | ╛               | _       | +          | t           | $\dagger$ | $\vdash$   | Н      |     |       | 114        | H                    | +            | +         | ╁                  | 十       |          | $\vdash$ | $\dashv$  |   |  |
|   |                              | 15              | Y         |          |          | $\exists$   | $\neg$   | $\dashv$  |          |           | $\Box$     |           |       | 65       | П               | 7               | $\bot$  | T          | L           | L         |            |        |     |       | 115        |                      | Ţ            | 1         | $\top$             | $\perp$ |          |          | $\Box$    |   |  |
|   | <del> </del>                 | 16<br>17        | M         | $\dashv$ | $\dashv$ | $\dashv$    | +        | +         | $\dashv$ | $\vdash$  | $\dashv$   | ŀ         |       | 66<br>67 | Н               | ╅               | +       | ┿          | ╀           | ╁         | ╁          | H      |     |       | 116<br>117 | $\vdash$             | +            | +         | ╁                  | ┿       | -        | $\vdash$ | $\dashv$  |   |  |
|   |                              | 18,             |           |          |          | $\exists$   |          | コ         |          |           |            |           |       | 68       |                 | ightrightarrow  | $\perp$ |            | t           | 土         |            |        |     |       | 118        | Ц                    | 士            | 土         | 土                  | 土       |          |          |           |   |  |
|   | <u> </u>                     | <b>19</b><br>20 | 7         | $\prec$  | $\dashv$ | 4           | -        | 4         | $\dashv$ |           | -          |           |       | 69<br>70 | H               | 4               | +       | +          | ┞           | ╀         | ╀          | Н      |     |       | 119<br>120 | $\vdash \vdash$      | 4            | 1         | ŀ                  | $\perp$ |          |          | $\dashv$  |   |  |
|   |                              | 21              | V         |          | $\dashv$ | +           | +        | +         | $\dashv$ | $\vdash$  | $\dashv$   | -         |       | 71       | H               | +               | +       | +          | H           | +         | $\vdash$   | Н      |     |       | 121        | $\vdash \vdash$      | +            | +         | +                  | +       | Н        | H        | $\dashv$  |   |  |
| • |                              | 22              |           |          | $\Box$   | $\Box$      |          | $\Box$    |          |           |            |           |       | 72       |                 | 1               | $\Box$  | 工          | L           | I         |            |        |     |       | 122        |                      | 1            |           |                    | 上       |          |          |           |   |  |
|   | <u> </u>                     | 23              | Н         | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ | +         | -        | $\dashv$  | $\dashv$   |           |       | 73<br>74 | $\vdash$        | +               | +       | +          | ┞           | ╀         | ╀          | H      | 1   |       | 123<br>124 | $\vdash \vdash$      | +            | +         | +-                 | +       | Н        | $\dashv$ | $\dashv$  | • |  |
|   | -                            | 25              |           |          |          |             |          | 寸         |          |           |            |           |       | 75       |                 | $\top$          | $\top$  | T          | T           | T         |            | П      | ŀ   |       | 125        | H                    | +            | $\dagger$ | +                  | ✝       | Н        | H        | $\dashv$  |   |  |
|   |                              | 26              |           | $\dashv$ | $\dashv$ | $\neg$      | 4        | $\perp$   |          | $\Box$    | $\exists$  |           |       | 76       | П               | $\dashv$        |         | $\bot$     | L           | F         |            |        |     |       | 126        | П                    | Ţ            | 1         |                    | Г       |          |          | $\Box$    |   |  |
|   | H                            | 27<br>28        | Н         | 一        | -        | +           | +        | ┥         | -        | $\dashv$  | $\dashv$   | -         |       | 77<br>78 | $\vdash$        | +               | +       | ╁          | ╀           | ╀         | $\vdash$   | Н      |     |       | 127<br>128 | ┥                    | +            | -         | +                  | +       | Н        | Н        | $\dashv$  |   |  |
|   |                              | 29              |           |          |          | コ           | 1        |           |          |           |            |           |       | 79       |                 | 1               | 土       | 土          | L           | 土         |            |        |     |       | 129        | $\Box$               | 士            | 士         | $\pm$              |         |          |          | $\exists$ |   |  |
|   | ļ                            | 30<br>31        | Н         |          |          | 4           | 4        | 4         |          |           | _          |           |       | 80<br>81 | $\sqcup$        | 1               | _       | $\perp$    | L           | $\bot$    |            | П      |     |       | 130        | П                    | $\bot$       | $\bot$    | $oldsymbol{\perp}$ | I       |          | Ц        | $\Box$    |   |  |
|   |                              | 32              | Н         | ᅥ        | $\dashv$ | +           | +        | $\dagger$ | ┪        | $\dashv$  | $\dashv$   | ŀ         |       | 82       | ┝╌┼             | +               | +       | +          | H           | ╁         | $\vdash$   | Н      |     |       | 131<br>132 | $\vdash$             | +            | +         | +                  | ╁       | $\vdash$ | $\dashv$ | $\dashv$  |   |  |
|   |                              | 33              |           |          | $\Box$   | $\Box$      | $\Box$   | $\Box$    | $\Box$   |           |            |           |       | 83       |                 | 1               | $\Box$  |            |             | I         |            |        |     |       | 133        |                      |              | $\perp$   | 工                  |         |          |          |           |   |  |
|   |                              | 34<br>35        | Н         | $\dashv$ | $\dashv$ | $\dashv$    | -        | +         |          | -         | $\dashv$   | -         |       | 84<br>85 | $\vdash$        | +               | +       | ╀          | ┡           | ╀         | -          | Н      |     |       | 134<br>135 | H                    | +            | +         | +                  | ╀       | Н        | $\dashv$ | -         |   |  |
|   |                              | 36              |           |          | ╛        | $\exists$   | ╛        | 士         | _        | $\exists$ |            |           |       | 86       |                 | $\pm$           | $\pm$   | 士          | t           | $\pm$     | T          | $\Box$ |     |       | 136        |                      | +            | +         | +                  | +-      | Н        | $\dashv$ | ᅱ         |   |  |
|   |                              | 37              | П         | 耳        | $\Box$   | $\exists$   | J        | 7         | コ        | $\Box$    | $\Box$     |           |       | 87       |                 | 7               | $\top$  | Ŧ          | L           | I         |            |        |     |       | 137        | 口                    | $\downarrow$ | 1         | T                  | L       | 口        | $\Box$   | コ         |   |  |
|   | -                            | 38<br>39        | Н         | $\dashv$ | $\dashv$ | $\dashv$    | $\dashv$ | $\dashv$  | ┥        | $\dashv$  | $\dashv$   | ⊪         |       | 88<br>89 | $\vdash \vdash$ | +               | +       | +          | $\vdash$    | ╁         | $\vdash$   | Н      | ::  |       | 138<br>139 | ${oldsymbol{arphi}}$ | +            | +         | +                  | ╀       | Н        |          | $\dashv$  |   |  |
|   |                              | 40              |           | コ        |          |             | $\Box$   | 1         |          | $\exists$ |            |           |       | 90       |                 | 土               | 1       | 上          | L           |           |            |        | ľ   |       | 140        | ㅂ                    | $\pm$        | 土         | T                  | 士       |          |          | ╛         |   |  |
|   | <b>-</b>                     | 41              | Ц         | 4        | 4        | $\dashv$    | 4        | 4         | 4        | 4         | 4          | - [       |       | 91       | $\prod$         | 4               | 1       | $\bot$     | L           | Ļ         | $\vdash$   | П      |     |       | 141        | П                    | 7            | I         | T                  | Г       |          |          | $\Box$    |   |  |
|   | -                            | 42              | Н         | -        | $\dashv$ | +           | +        | +         | ┥        | $\dashv$  | $\dashv$   | •         |       | 92<br>93 | $\vdash \vdash$ | +               | +       | ╅╴         | H           | +         | $\vdash$   | Н      |     |       | 142<br>143 | ┥                    | +            | +         | +                  | +       | Н        | $\dashv$ | $\dashv$  |   |  |
|   |                              | 44              |           | コ        | コ        | $\sqsupset$ | コ        | コ         | $\Box$   |           |            |           |       | 94       |                 |                 | 士       | 工          | Ĺ           | I         |            |        |     |       | 144        |                      | 士            | 士         | I                  |         |          |          | ╛         |   |  |
|   |                              | 45              | Ш         | _        | 4        | $\dashv$    | 4        | $\dashv$  | _        | $\dashv$  | _          |           |       | 95       | $\Box$          | 4               | 4       | Ļ          | Ĺ           | 1         | lacksquare | Ш      |     |       | 145        | П                    | _[           | $\perp$   | $\perp$            |         |          |          |           |   |  |